

KERN 440-33N

The classic balance in the laboratory

KERN



Construction

Dimension housing (W×D×H)	165×230×82 mm
Dimensions rectangular draught shield - inner (W×D×H)	100×200×100 mm
Dimensions weighing surface (Ø)	105 mm
Material housing	plastic
Material weighing plate	stainless steel

Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	Hook (optional)
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	10.000

Power Supply

Input voltage power supply / power [Max]	100 - 240 V AC 50/60 Hz 0.5 A
Input voltage device / power [Max]	9 V, 300 mA
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	20 h
Battery	9 V block
Battery operating time	20 h

Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,01 g
Weighing capacity [Max]	200 g
Eccentric loading at 1/3 [Max]	0,03 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Reproducibility	0,01 g
Linearity	± 0,02 g
Weighing system	Strain gauge
Resolution	20.000
Units	kg g gn dwt tl (Tw) tl (HK) ozt ct mo lb oz tol
Default unit	g
Stabilization time	3 s
Warm-up time	30 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (M1)
Possible calibration points	50 g; 100 g; 150 g; 200 g

Approval

CE mark	✓
---------	---

Display

Display digit height	15 mm
Display backlight	✓

KERN 440-33N



The classic balance in the laboratory

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping

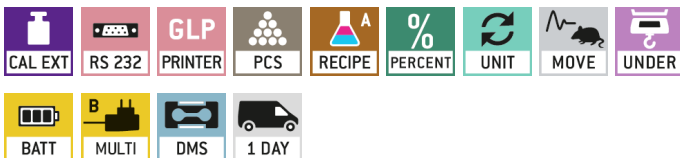
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	210×350×175 mm
Net weight approx.	1,00 kg
Gross weight approx.	1,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION

